

# BE 885162 ABSTRACT

DERWENT-ACC-NO: 1981-05756D

DERWENT-WEEK: 198105

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TITLE: Two=stage preheating of sheet for  
thermo:forming - to generate similar sheet surface and core temps.  
relatively quickly

PRIORITY-DATA: 1976BR-0001340 (March 5, 1976)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
BE 885162 A	December 31, 1980	N/A
000 N/A		
BR 7601340 A	September 6, 1977	N/A
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INT-CL (IPC): B29B000/00, B29F005/00

ABSTRACTED-PUB-NO: BE 885162A

BASIC-ABSTRACT:

Thermoplastic sheet is prepd. for thermoforming by a two stage preheating process with intermediate superficial cooling.

Partial preheating of the core, so that the sheet enters the final preheating stage with a positive thermal gradient between surface and core, results in a more uniform cross-section temp. profile than a single preheating treatment which is too brief to establish thermal equilibrium.

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Basic Abstract Text - ABTX (1):

Thermoplastic sheet is prepd. for thermoforming by a two stage preheating process with intermediate superficial cooling.

Basic Abstract Text - ABTX (2):

Partial preheating of the core, so that the sheet enters the final preheating stage with a positive thermal gradient between surface and core, results in a more uniform cross-section temp. profile than a single preheating treatment which is too brief to establish thermal equilibrium.

Title - TIX (1):

Two=stage preheating of sheet for thermo:forming - to generate similar sheet surface and core temps. relatively quickly

Standard Title Terms - TTX (1):

TWO=STAGE PREHEAT SHEET THERMO FORMING GENERATE SIMILAR SHEET SURFACE CORE TEMPERATURE RELATIVELY QUICK